AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application.

1. (Currently Amended) A method of quantification for cholesterol in low density lipoprotein and total cholesterol simultaneously in a biological sample ~~by a single measurement~~, comprising:

(i) adding a first reagent in the biological sample such that hydrogen peroxide is generated from ~~a first step of treating~~ lipoproteins other than low density lipoprotein ~~in the biological sample to generate hydrogen peroxide~~; and

(ii) adding a second reagent to the biological sample of step (i) such that ~~a second step of converting~~ the hydrogen peroxide generated in ~~the first~~ step (i) is converted to a quinone dye and ~~treating remaining~~ that additional hydrogen peroxide is generated from low density lipoprotein ~~and converting generated hydrogen peroxide~~ and converted to the quinone dye,

wherein ~~the quinone dye is not formed in the first step, and~~ the quantity of cholesterol in low density lipoprotein and the quantity of total cholesterol are ~~quantified from the amount of the quinone dye formed~~ determined by readings of absorbance at different time points following addition of the second reagent ~~in the second step by a single measurement~~.

2.-13. (Cancelled)

14. (New) The method of claim 1, wherein:

(i) said first reagent comprises a surfactant that acts on lipoproteins other than low density lipoprotein, a cholesterol esterase, a cholesterol oxidase and a compound selected from the group consisting of 4-aminoantipyrine and a phenolic or anilinic hydrogen donor compound;

(ii) said first reagent does not comprise peroxidase;

(iii) said second reagent comprises a surfactant that acts on low density lipoprotein, a cholesterol esterase, a cholesterol oxidase, peroxidase and a compound different from the compound

in said first reagent and selected from the group consisting of 4-aminoantipyrine and a phenolic or anilinic hydrogen donor compound.

15. (New) The method of claim 1, wherein the first reading of absorbance is taken at 30 seconds after addition of said second reagent, and the second reading of absorbance is taken at 5 minutes after addition of said second reagent.

16. (New) The method of claim 1, wherein the measurement is performed by an automatic analyzer for clinical chemistry testing.